

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	93	US-5678070-\$.DID. OR US- 20050286141-\$.DID. OR US-5950021-\$.DID. OR US- 4864337-\$.DID. OR US- 5345283-\$.DID. OR US- 5510868-\$.DID. OR US- 5900992-\$.DID. OR US- 6160583-\$.DID. OR US- 4422740-\$.DID. OR US- 4477167-\$.DID. OR US- 4483603-\$.DID. OR US- 4542972-\$.DID. OR US- 4764784-\$.DID. OR US- 4857947-\$.DID. OR US- 4952965-\$.DID. OR US- 5239415-\$.DID. OR US- 5250976-\$.DID. OR US- 5293193-\$.DID. OR US- 5307103-\$.DID. OR US- 5412443-\$.DID. OR US- 5418650-\$.DID. OR US- 5432575-\$.DID. OR US- 5438387-\$.DID. OR US- 5444510-\$.DID. OR US- 5539490-\$.DID. OR US- 5546233-\$.DID. OR US- 5574526-\$.DID. OR US- 5634142-\$.DID. OR US- 5664240-\$.DID. OR US- 5675441-\$.DID. OR US- 5678100-\$.DID. OR US- 5749003-\$.DID. OR US- 5768636-\$.DID. OR US- 5774748-\$.DID. OR US- 5844726-\$.DID. OR US- 5956533-\$.DID. OR US- 5980121-\$.DID. OR US- 5983033-\$.DID. OR US- 5999750-\$.DID. OR US- 6047132-\$.DID. OR US- 6064826-\$.DID. OR US- 6086266-\$.DID. OR US- 6122116-\$.DID. OR US- 6330398-\$.DID. OR US- 6339682-\$.DID. OR US- 6879445-\$.DID. OR US- 7061689-\$.DID. OR US- 7233449-\$.DID. OR US- 20050052560-\$.DID.	US-PGPUB; USPAT; USOCR, EPO, JPO, DERWENT	ADJ	ON	2008/07/18 11:22

S2	720	396/55	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/18 11:29
S3	4	S2 and manufactur\$4 near10 lens adj barrel	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/18 11:29
S4	0	S2 and mthod adj manufactur\$4 adj lens adj barrel	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/18 11:30
S5	0	S2 and mthod adj manufactur\$4 adj lens adj drive adj (device or unit or system)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/18 11:30
S6	0	S2 and method adj manufactur\$4 adj lens adj drive adj (device or unit or system)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/18 11:31
S7	7	method adj manufactur\$4 adj lens adj drive adj (device or unit or system)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/18 11:31
S8	255	396/55 and lens adj driv\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/18 11:38
S9	20234	lens adj driv\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/18 11:38
S10	2441	lens adj barrel near (mov \$4 or motion)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/18 11:39
S11	9578	regulat\$4 adj part	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/18 11:39

S12	10905	protrus\$4 adj (part or member)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/18 11:40
S13	19317	magnetic adj (means or member or part or section)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/18 11:40
S14	0	case boady	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/18 11:41
S15	24269	case body	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/18 11:41
S16	6087	S15 and (cylindrical or circular)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/18 11:41
S17	13669	female screw and male screw	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/18 11:42
S18	537	S9 and S10	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/18 11:42
S19	1	S11 and S18	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/18 11:43
S20	1	S12 and S18	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/18 11:43
S21	6	S13 and S18	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/18 11:43

S22	4	S15 and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/18 11:45
S23	43	S16 and S17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/18 11:47
S24	0	case adj body near10 (two or S2) adj (parts or portions or frames or body)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/18 11:50
S25	47	lens adj barrel near10 (two or S2) adj (parts or portions or frames or body)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/18 11:54
S26	2	jp-2004304566-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/18 12:13
S27	2	jp-2002374436-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/18 12:13
S28	223	magnet and coil and lens holder and lens and lens barrel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/18 12:56
S29	5	("4596449"   "4605286"   "6800970"   "7206145"   "7221526").PN. OR ("7359631").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/18 13:00
S30	0	JP-2002374436-\$.frpn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:01
S31	0	JP-200237443-\$.frpn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:02
S32	0	"200237443".frpn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:02

S33	0	"2002374436".frpn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:02
S34	0	"2002374436".frpn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:02
S35	0	"2002-374436".frpn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:02
S36	2	JP-2002374436-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:03
S37	105277	"359"/\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:04
S38	55	amaku-mikio.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:07
S39	98831	"348"/\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:16
S40	0	S37 near S39	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:16
S41	9396	S37 and S39	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:17
S42	5065	lens driv\$4 (device or apparatus or system)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:17

S43	21388	"396"/\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:18
S44	879	(S37 or S39 or S43) and S42	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:18
S45	3172	(mov\$4 lens or lens adj barrel) and lens adj holder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:19
S46	108	S44 and S45	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:19
S47	1469	(lens holder or lens adj barrel adj holder) near4 magnet\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:21
S48	2519	(lens holder or lens adj barrel adj holder) with magnet\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:21
S49	1003	(lens holder or lens adj barrel adj holder) adj4 magnet\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:21
S50	1303	(stationary or fix\$4 or holder) adj body with magnet\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:23
S51	960	(stationary or fix\$4 or holder or second) adj body near4 magnet\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:23
S52	1771	(stationary or fix\$4 or holder or second) adj body with magnet\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:24

S53	560	(stationary or fix\$4 or holder or second) adj body adj4 magnet\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:24
S54	42	S46 and S49	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:25
S55	0	S54 and S53	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:25
S56	2	S46 and S51	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:26
S57	3	("20040012695"   "6348948"   "6559888"). PN. OR ("6853808").URPN.	US-PGRUB; USPAT; USOCR	ADJ	ON	2008/07/21 12:32
S58	22	S47 and S50	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:39
S59	21	S47 and S51	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:39
S60	1155	magnet\$4 adj3 (disposed or attached or fix\$4) near5 (stationary or fix\$4 or holder or second) adj (holder or body or frame or case)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:45
S61	367	magnet\$4 adj3 (dispos\$4 or attach\$4 or fix\$4) near5 (lens holder or lens adj barrel adj holder)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:46
S62	12	S60 and S61	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:47
S63	114	lens barrel and lens barrel holder	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:52

S64	0	magnet (comprise or attach \$4 or fix\$4) with lens barrel holder	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:53
S65	6	magnet adj4 (comprise or attach\$4 or fix\$4) and S63	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:53
S66	3	S44 and S63	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 12:56
S67	254	lens drive device	US-PGRUB; USPAT	ADJ	ON	2008/07/21 12:57
S68	87	lens drive apparatus	US-PGRUB; USPAT	ADJ	ON	2008/07/21 12:57
S69	222	lens drive system	US-PGRUB; USPAT	ADJ	ON	2008/07/21 12:58
S70	12029	(lens adj barrel or lens-barrel)	US-PGRUB; USPAT	ADJ	ON	2008/07/21 12:58
S71	89	S69 and S70	US-PGRUB; USPAT	ADJ	ON	2008/07/21 12:58
S72	8341	(lens holder or len-barrel holder)	US-PGRUB; USPAT	ADJ	ON	2008/07/21 12:58
S73	89	S69 and S71	US-PGRUB; USPAT	ADJ	ON	2008/07/21 12:59
S74	1090	S70 and S72	US-PGRUB; USPAT	ADJ	ON	2008/07/21 12:59
S75	7	S67 and S74	US-PGRUB; USPAT	ADJ	ON	2008/07/21 12:59
S76	979	magnet with S72	US-PGRUB; USPAT	ADJ	ON	2008/07/21 13:03
S77	14	magnet adj (attach\$4 or disposed) S72	US-PGRUB; USPAT	ADJ	ON	2008/07/21 13:04
S78	329	magnet adj (attach\$4 or disposed) and S72	US-PGRUB; USPAT	ADJ	ON	2008/07/21 13:04
S79	138	(S37 or S39 or S43) and magnet adj (attach\$4 or disposed) and S72	US-PGRUB; USPAT	ADJ	ON	2008/07/21 13:05
S80	107	case body with magnet	US-PGRUB; USPAT	ADJ	ON	2008/07/21 13:13
S81	1119	359/824	US-PGRUB; USPAT	ADJ	ON	2008/07/21 13:15
S82	9	"5572372"	US-PGRUB; USPAT	ADJ	ON	2008/07/21 13:23



S83	10	"5572372"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 13:23
S84	1119	359/824	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 13:24
S85	619	(359/824).CQLS.	US-PGRUB; USPAT	OR	OFF	2008/07/21 13:24
S86	359	(359/696).CQLS.	US-PGRUB; USPAT	OR	OFF	2008/07/21 13:29
S87	0	("55and57").PN.	US-PGRUB; USPAT	OR	OFF	2008/07/21 13:30
S88	51	S85 and S86	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 13:30
S89	2	(spacer or member) with sandwich\$4 adj4 between (first adj portion and second adj portion)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 17:54
S90	101	(spacer or member) with between adj4 (first adj case and second adj case)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 17:54
S91	57	(spacer or member) with between adj4 (first adj holder and second adj holder)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 17:55
S92	38	(spacer or member) with between adj4 (first adj holder with second adj holder)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 17:57
S93	0	(spacer or member or plate) with interposed adj4 (fixed member with lens adj holder)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 18:00
S94	4434347	(spacer or plate or stopper)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 18:01

S95	49	assembl\$4 lens driv\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 18:01
S96	30	method near3 manufactur \$4 adj lens adj driv\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 18:02
S97	36	S94 and S95	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 18:02
S98	9	S94 and S96	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 18:02
S99	1	S96 and (S90 or two portions)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 18:08
S100	27	S96 and (S90 or two frames or holder or portion or case)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 18:09
S101	525	spacer and (camera or lens) module	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 18:14
S102	464	S101 and (assembl\$4 or manufactur\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 18:15
S103	7	S102 and pull adj out	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 18:15
S104	3189	(remove or pull adj out) adj3 spacer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 18:20

S105	9529	camera module or lens module	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 18:20
S106	1	S104 and S105	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 18:20
S107	36993	camera module or lens module or lens barrel	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 18:22
S108	4	S104 and S107	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 18:23
S109	2	"20040207745"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 18:25
S110	2	"20040207745"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/21 19:11
S111	97	spacer with (camera or lens) module	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/22 09:32
S112	2	"20060204240"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/22 14:53
S113	79	unislid or XY slide	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/07/22 15:17
S114	379	396/133	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 10:33

S115	6	"7031603"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 11:28
S116	99	("20010017738"   "20010019458"   "20010024573"   "20010033431"   "20020135896"   "20020135900"   "20020135901"   "20020181953"   "20030007796"   "20030081325"   "20030081327"   "20030081948"   "20030156832"   "20040042089"   "20040042090"   "20040042091"   "20040042092"   "20040042093"   "20040042095"   "20040042096"   "20040042775"   "20040042776"   "20040042777"   "20040042778"   "20040051967"   "20040051968"   "20040051969"   "20040051970"   "20040051971"   "20040051972"   "20040051981"   "20040062536"   "20040062537"   "20040141735"   "3377427"   "4451129"   "4525050"   "4545661"   "4597657"   "4643554"   "4643555"   "4721972"   "4768048"   "4771303"   "4791441"   "4792822"   "4841323"   "4887107"   "4937609"   "4952955"   "4974949"   "4993815"   "5086312"   "5099263"   "5136324"   "5210644"   "5223873"   "5264939"   "5376983"   "5430516"   "5485315"   "5499143"   "5548446"   "5587754"   "5636062"   "5715482"   "5731913"   "5739962"   "5765049"   "5790907"   "5790911"   "5818647"	US-PGRUB; USPAT; USOCR	ADJ	ON	2009/01/16 11:30

		"5832326"   "5870232"   "5909600"   "5912772"   "5926322"   "6031998"   "6052535"   "6055116"   "6064533"   "6069745"   "6075655"   "6115190"   "6185375"   "6204977"   "6324019"   "6366323"   "6490099"   "6570718"   "6611663"   "6665129"   "6711349"   "6757489"). PN. OR ("7031603").URPN.				
S117	3	"6164844"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 11:34
S118	2	"7239461"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 11:41
S119	3	("5523891"   "5905255"   "6331741").PN. OR ("7239461").URPN.	US-PGRUB; USPAT; USOCR	ADJ	ON	2009/01/16 11:43
S120	7	"5751688"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 11:46
S121	90	"5225941"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 11:49
S122	2	"7286448"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 11:51
S123	6	"4747669"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 11:56
S124	1753	359/811	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 12:01
S125	2874	359/819	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 12:01

S126	1902	359/823	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 12:01
S128	526	359/827	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 12:01
S129	0	h04n5/225	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 14:16
S130	62179	h04n5/225	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 14:17
S131	29021	fixed adj body	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 14:17
S132	45	S130 and S131	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 14:17
S133	121	lens adj barrel adj holder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 14:17
S134	10863	lens adj frame	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 14:17
S135	287	S130 and S134	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 14:17
S136	61212	mov\$5 adj body	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 14:18

S137	130	S130 and S136	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 14:18
S138	3	S133 and S136	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 14:22
S139	2	359/811 and lens adj barrel and lens adj barrel adj holder	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 14:56
S140	2	359/811 and (lens adj barrel) and (lens adj barrel adj holder)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 14:56
S141	121	(lens adj barrel) and (lens adj barrel adj holder)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 14:56
S142	121	(lens adj barrel) same (lens adj barrel adj holder)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 14:56
S143	0	driv\$4 adj means and S142	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 14:57
S144	137	mov\$5 adj lens adj body	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 14:57
S145	916	mov\$5 adj lens adj frame	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 14:57
S146	13	S130 and S142	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 14:58

S147	41	S130 and S145	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 14:58
S148	1	S130 and S144	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 14:58
S149	216	(lens adj barrel) with male adj screw	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 15:00
S150	3	(lens adj barrel adj holder) with female adj screw	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 15:01
S151	5	(lens adj barrel adj holder) same female adj screw	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 15:01
S152	13	("20020012176"   "20050068456"   "20050264670"   "3912379"   "4620775"   "5251063"   "6476982"   "6728047"   "6813099"   "6970306"   "6977779"). PN. OR ("7196855").URPN.	US-PGRUB; USPAT; USOCR	ADJ	ON	2009/01/16 15:10
S153	0	359/819 and movable adj lens adj body	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 15:35
S154	0	359/819 and drive adj means	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 15:36
S155	105231	"348"/\$	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 15:36
S156	1219	359/824	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 15:38



S157	8	lens adj barrel adj holder same (magnet or driv\$4 adj means)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 15:39
S158	6	lens adj barrel adj holder with (magnet or driv\$4 adj means)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 15:39
S159	1	(magnet or driv\$4 adj means) with (fix\$2 or attach\$4 or dispos\$4) with (lens adj barrel adj holder)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 15:42
S160	0	(first adj magnet or driv\$4 adj means) with (fix\$2 or attach\$4 or dispos\$4) with (lens adj barrel adj holder)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 15:42
S161	0	(first adj magnet\$4 or first adj driv\$4 adj means) with (fix\$2 or attach\$4 or dispos\$4) with (lens adj barrel adj holder)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 15:42
S162	197	"348"/\$ and (first magnet \$4 or first adj driv\$3 adj means)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 15:43
S163	176	"348"/\$ and (second adj magnet\$4 or second adj driv\$3 adj means)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 15:44
S164	148	S162 and S163	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 15:44
S165	10	("4996545"   "5266988"   "5583597"   "5721969"   "5835799").PN. OR ("5995762").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/16 15:45
S166	1	("2004/0207745").URPN.	USPAT	ADJ	ON	2009/01/16 15:46
S167	355	(first magnet\$4 or first adj driv\$3 adj means) and lens adj holder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 15:47

S168	26603	(second adj magnet\$4 or second adj driv\$3 adj means) and (fix\$3 adj body or case or hous\$3 or stationary adj body)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 15:48
S169	67	S156 and S167	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 15:48
S170	239	S167 and S168	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 15:55
S171	2	(first magnet\$4 or first adj driv\$3 adj means) and lens adj barrel adj holder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 15:55
S172	22666	"396"/\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 15:56
S173	15	S170 and S172	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 15:56
S174	1232	lens adj drive adj mechanism	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 15:58
S175	1	(first magnet\$4 or first adj driv\$3 adj means) with lens adj barrel adj holder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 15:58
S176	125	(first magnet\$4 or first adj driv\$3 adj means) with lens adj holder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 15:58
S177	2	S174 and S176	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 15:59

S178	6	S167 and S174	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 15:59
S179	3	("20040012695"   "6348948"   "6559888"). PN. OR ("6853808").URPN.	US-PGRUB; USPAT; USOCR	ADJ	ON	2009/01/16 16:00
S180	0	lens adj barrel adj holder with (compris\$4 or includ \$4) with magnet\$4 adj means	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 16:03
S181	3	lens adj barrel adj holder with (compris\$4 or includ \$4) with magnet\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 16:03
S182	216307	(fix\$3 adj body or case or hous\$3 or stationary adj body) with (magnet\$4 or driv\$3 adj means)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 16:11
S183	235078	(fix\$3 adj body or case or hous\$3 or stationary) with (magnet\$4 or driv\$3 adj means)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 16:12
S184	216241	(fix\$3 adj body or case or hous\$3) with (magnet\$4 or driv\$3 adj means)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 16:12
S185	68	S174 and S184	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 16:12
S186	924	S172 and S184	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 16:13
S187	89994	(fix\$3 adj body or hous\$3) with (magnet\$4 or driv\$3 adj means)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 16:18
S188	32	S174 and S187	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 16:18

S189	8	("4626077"   "4634221"   "4750821"   "4793689"   "4828360"   "5138497"   "5220461"   "5499143"). PN. OR ("7145738"). URPN.	US-PGRUB; USPAT; USOCR	ADJ	ON	2009/01/16 16:20
S190	97	US-5678070-\$.D.ID. OR US- 5438387-\$.D.ID. OR US- 5301066-\$.D.ID. OR US- 5950021-\$.D.ID. OR US- 6009279-\$.D.ID. OR US- 4540264-\$.D.ID. OR US- 4764783-\$.D.ID. OR US- 4847648-\$.D.ID. OR US- 4848884-\$.D.ID. OR US- 4853731-\$.D.ID. OR US- 4864337-\$.D.ID. OR US- 5302991-\$.D.ID. OR US- 5345283-\$.D.ID. OR US- 5510868-\$.D.ID. OR US- 5537174-\$.D.ID. OR US- 5760555-\$.D.ID. OR US- 5900992-\$.D.ID. OR US- 6008954-\$.D.ID. OR US- 6160583-\$.D.ID. OR US- 4277130-\$.D.ID. OR US- 4334746-\$.D.ID. OR US- 4417281-\$.D.ID. OR US- 4422740-\$.D.ID. OR US- 4477167-\$.D.ID. OR US- 4483603-\$.D.ID. OR US- 4486074-\$.D.ID. OR US- 4542972-\$.D.ID. OR US- 4572645-\$.D.ID. OR US- 4764784-\$.D.ID. OR US- 4783676-\$.D.ID. OR US- 4796045-\$.D.ID. OR US- 4825240-\$.D.ID. OR US- 4829328-\$.D.ID. OR US- 4857947-\$.D.ID. OR US- 4952965-\$.D.ID. OR US- 5239415-\$.D.ID. OR US- 5241422-\$.D.ID. OR US- 5250976-\$.D.ID. OR US- 5258797-\$.D.ID. OR US- 5293193-\$.D.ID. OR US- 5305049-\$.D.ID. OR US- 5307103-\$.D.ID. OR US- 5315340-\$.D.ID. OR US- 5373336-\$.D.ID. OR US- 5392160-\$.D.ID. OR US- 5412443-\$.D.ID. OR US- 5418650-\$.D.ID. OR US- 5420721-\$.D.ID. OR US- 5432575-\$.D.ID.	US-PGRUB; USPAT; JPO; DERWENT	ADJ	ON	2009/01/16 16:36

S191	3	"20040207745"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 16:42
S192	2	("5572372"   "5828503"). PN. OR ("7440201").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/16 16:43
S193	1452	359/900	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/16 16:52
S194	4744	camera adj module	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/16 16:53
S195	643	adjust\$4 with camera adj module	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 16:53
S196	2	lens adj barrel with threadedly with (engag\$4 or attach\$4) with lens adj barrel adj holder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 16:54
S197	5	lens adj barrel with threadedly with lens adj barrel adj holder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 16:54
S198	12	(camera or optical) adj module with (first and second) adj magnet\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 17:16
S199	3	("20070133973"   "5572372"   "5587846"). PN. OR ("7446964").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/16 17:22
S200	287	(camera or optical) adj module with magnet\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 17:23
S201	644	359/824 and magnet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 17:39
S202	33	S201 and focus adj adjust \$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 17:39
S203	30	("5321678"   "6483101"). PN. OR ("6560047").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/16 17:44

S204	5	("20030043478"   "20050036778"   "20060164539"   "5074682"   "6560047"). PN. OR ("7367724").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/16 17:45
S205	4	("20060028929"   "20060176589"   "20060214520"   "7268959").PN. OR ("7477462").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/16 17:55
S206	0	yoneyama-hideekazu.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 17:56
S207	28	yoneyama-hidekazu.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 17:56
S208	112	otsuki-noboru.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 17:59
S209	29706	lens adj barrel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 18:08
S210	2093	magnet\$4 adj2 (attach\$3 or dispos\$3 or fix\$2) adj (yoke or fixed adj body or housing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 18:11
S211	825	magnet\$4 adj (attach\$3 or dispos\$3 or fix\$2) adj (yoke or fixed adj body or housing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 18:12
S212	5019	magnet\$4 adj (attach\$3 or dispos\$3 or fix\$2) with (yoke or fixed adj body or housing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 18:12
S213	5	S209 and S211	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 18:12

S214	464	magnet\$4 adj (attach\$3 or dispos\$3 or fix\$2) adj (fixed adj body or housing)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 18:16
S215	0	S209 and S214	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 18:16
S216	2	359/824 and (magnet\$4 adj (attach\$3 or dispos\$3 or fix\$2) adj (fixed adj body or housing))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 18:17
S217	5	"359"/\$ and (magnet\$4 adj (attach\$3 or dispos\$3 or fix\$2) adj (fixed adj body or housing))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 18:21
S218	3	"396"/\$ and (magnet\$4 adj (attach\$3 or dispos\$3 or fix\$2) adj (fixed adj body or housing))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 18:22
S219	3	"396"/\$ and (magnet\$4 adj (attach\$3 or dispos\$3 or fix\$2) adj (case adj body or housing))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 18:22
S220	1	"348"/\$ and (magnet\$4 adj (attach\$3 or dispos\$3 or fix\$2) adj (case adj body or housing))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 18:23
S221	2535	lens adj module	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 18:23
S222	11	S221 and first adj magnet and second adj magnet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 18:24
S223	8	("4519691"   "4684233"   "4992684"   "5121016"   "5229669"   "5471100"   "5706272"   "5939804").PN. OR ("7405892").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/16 18:25
S224	14	("4808955"   "4831290"   "5182481").PN. OR ("5471100").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/16 18:29

S225	15	("3723779"   "4245917"   "4439700"   "4560263"   "4589753"   "4692999"   "4705311"   "4785210"   "4828360").PN. OR ("5182481").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/16 18:32
S226	11622	(second adj magnet\$4 or second adj driv\$3 adj means) and (fix\$3 adj body or case adj body or hous\$3 or stationary adj body)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 18:54
S227	2160	(second adj magnet\$4 or second adj driv\$3 adj means) with (fix\$3 adj body or case adj body or hous\$3 or stationary adj body)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 18:54
S228	125	(first magnet\$4 or first adj driv\$3 adj means) with lens adj holder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 18:55
S229	6	S227 and S228	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 18:56
S230	38	method with manufactur\$4 with lens adj drive adj (device or mechanism)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 18:59
S231	1	(first magnet\$4 or first adj driv\$3 adj means) near lens adj holder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 19:04
S232	2	(first magnet\$4 or first adj driv\$3 adj means) near lens adj3 holder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 19:04
S233	379	396/133	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/16 19:05



S234	29	("3696725"   "3951522"   "4030113"   "4404595"   "4411498"   "4585313"   "4748466"   "4825240"   "4834514"   "5032919"   "5225939"   "5400073"   "5461443"   "5731913"   "5739853"   "5748386"   "5790319"   "5805353"   "5825559"   "5861998"   "5889555"   "5969889"   "5983033"   "6031997"   "6075655"   "6266486"   "6366323"   "6421088"   "6590720").PN. OR ("6784937").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/16 19:42
S235	17	("4676605"   "5289318"   "5373496"   "5442490"   "5471100"   "5488603"   "5587846"   "5638222"   "5705864"   "5739608"   "5900995"   "6031651"   "6414777").PN. OR ("6856469").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/16 19:50
S236	7	("20030007799"   "4743931"   "4763150"   "4828360"   "4963000"). PN. OR ("7039309").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/16 19:54
S237	11	("20020047313"   "20040164623"   "20040164624"   "5418588"   "6017155"   "6560411"   "6798093"   "6800970"   "6809884"   "6850701"   "7039309"). PN. OR ("7154199").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/16 19:55
S238	3	("20030178911"   "4605286"   "6650832"). PN. OR ("7146097").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/16 20:00
S239	7	("20030007799"   "4743931"   "4763150"   "4828360"   "4963000"). PN. OR ("7039309").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/17 12:49
S240	11	("20020047313"   "20040164623"   "20040164624"   "5418588"   "6017155"   "6560411"   "6798093"   "6800970"   "6809884"   "6850701"   "7039309"). PN. OR ("7154199").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/17 12:51

S241	8	("5400070"   "5561460"   "5933187"   "6134057"   "6236431"   "6611079"   "6804068"   "6836057"). PN. OR ("7268816"). URFN.	US-PGRUB; USPAT; USOCR	ADJ	ON	2009/01/17 13:16
S242	266300	electromagnetic adj (motor or actuator) or (VCM or voice adj coil adj motor) or (stator or magnetic adj rotor)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/17 13:17
S243	821996	camera	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/17 13:18
S244	6251	S242 and S243	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/17 13:18
S245	635	movable adj lens adj (body or mount or tube or barrel)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/17 13:19
S246	68724	fixed adj (case or housing or tube or mount or enclosure)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/17 13:20
S247	15	S245 and S246	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/17 13:20
S248	13	S244 and S245	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/17 13:20
S249	205	S244 and S246	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/17 13:21
S250	49773	(attach\$4 or fix\$3 or coupl \$3) adj magnet\$2	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/17 13:22

S251	8	S245 and S250	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/17 13:22
S252	848	S246 and S250	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/17 13:22
S253	848	S252 and S252	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/17 13:22
S254	0	S251 and S252	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/17 13:22
S255	13	"5572372"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/17 14:11

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